

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 19	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE John F. Kennedy Space Center, NASA Procurement Office – ODIN – OP-OS-ODIN Kennedy Space Center, FL 32899	7. ADMINISTERED BY (If other than Item 6) CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) OAO Corporation 7375 Executive Place Seabrook, MD 20706-2278		(x)	9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS5-98144/NNK050A12D 10B. DATED (SEE ITEM 13) December 1, 2004
CODE	FACILITY CODE		
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS <input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning ____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.			
12. ACCOUNTING AND APPROPRIATION DATA (If required)			

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: NAS5-98144 Contract Clause C.7 Technology Refreshment Process and FAR Clause 52.212-4 Contract Terms and Conditions-Commercial Items, (c) Changes
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 1 copies to the issuing office.

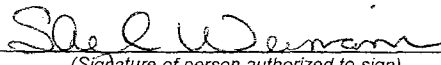
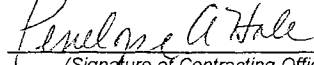
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Stennis Space Center --- ODIN SERVICES

Technology Infrastructures: Incorporation of SWR XK59 5TMP 00

Change in Delivery Order Price: \$71,472.80 (INCREASE)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Sheryl K. Weimann Contracts Manager	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Penelope A. Hale Contracting Officer
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 5/6/05
16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 5/13/2005

1. In accordance with Master Contract NAS5-98144, C.7, Technology Refreshment Process, the technology refreshment services referenced below is hereby incorporated into this Delivery Order at a fixed price of \$71,472.80.

SWR #	Subject	Amount
XK59 5TMP 00	Install fiber to support networks and telephone at B9800 and B5100 from 1201	\$71,472.80

2. SWR XK59 5TMP 00

The contractor shall provide the labor (including, but not limited to, engineering, configuration management, user coordination/scheduling, wiring/cabling (IEEE 802.3, EIA/TIA Building Wiring Standards, National Electric Code, and Fire Protection Code, as applicable), and equipment installation) and materials necessary install (1) 12 multimode/48 singlemode fiber cable from room 116 in B1201 to room MER102 in B5100 to support the new guard gate at the end of Main Line Road which will be cross connected to a 12 multimode/48 singlemode fiber cable that was installed from B5100 to B9801 on a previous SWR as outlined in OAO proposal dated March 4, 2005. Installation will include testing, labeling, and configuration documentation (red line drawings).

- a. The contractor shall be responsible for performance of the following:
 - (1) Install (1) 12 multimode/48 singlemode fiber cable from room 116 in B1201 to room MER102 in B5100.
 - (2) Install (1) 19" x 84" aluminum equipment rack in room 116 of B1201.
 - (3) Install (1) LGX panel in room 116 of B1201 and (1) in MER102 of B5100.
 - (4) Install (1) double-sided vertical trough on the rack installed in item (2) above.
 - (5) Terminate fiber into ST connectors on both ends and place in LGX panels.
 - (6) Test and label both ends.
- b. The contractor shall provide the following material:
 - (1) 15,500 feet of 12mm/48sm Corning fiber cable (060XW4-T41XXD20)
 - (2) 120 each cool cure consumables (142172)
 - (3) 96 each P3020A-C-125 singlemode ST connectors (157475)
 - (4) 96 each C3000A-2 singlemode ST couplers (105263)
 - (5) 24 each P2020C-C-125 multimode ST connectors (170290)
 - (6) 24 each C2000A multimode ST couplers (088987)
 - (7) 2 each LST1U-072/7 termination shelf (1067220)
 - (8) 2 pack of 1000ST panels for the LST1U panel (106730)
 - (9) 2 packs of Premier black tie wraps (7839308)
 - (10) 1 each 19" x 84" aluminum equipment rack
 - (11) 1 each double sided vertical trough (166031)
- c. Schedule: The completion of this effort shall be (12) twelve weeks after receipt of a signed modification.

Part II "Contract Administration Data", Item 4, is revised as indicated below to incorporate the increase of \$71,472.80 for this infrastructure upgrade:

Month/Mod	Description	Monthly Total	Actual Total To Date
Apr-05	Ordered Seats and Services	395,835.02	1,972,929.55
Feb-05	Catalog Services	45,023.29	160,148.61
Feb-05	Specialized Services	(45.36)	862.24
Mod 9/13	Infrastructure upgrades	246,265.45	300,290.80
	Fast Track Mods Authorized (but not incorporated by Mod)	106,507.79	106,507.79
	sub-total of ordered services	\$ 793,586.19	\$ 2,540,738.99
Mar-05	Less facility credit	-	-
Mar-05	Less outage credit	-	(604.88)
	Less retainage not earned	-	-
TOTAL		\$ 793,586.19	\$ 2,540,134.11

3. Part V "Technology Infusion (Infrastructure Upgrades)", Item 3 is modified to include the subject infrastructure upgrades. The signed date and completion date will be completed in a future infrastructure upgrade modification.

Mod	Description	Date Signed	Amount
19	Install network, telephone and CATV wiring in new addition of B1100 South		\$71,472.80

4. Payment Schedule: Invoicing and Payment for this modification will be made in accordance with Master Contract NAS5-98144, FAR 52.212-4: Commercial Items (May 1997) (Modified) in accordance with the following:
5. Reporting requirements: The contractor shall provide monthly status reports to the SSC DOCOTR, with a copy to the DOCO. These reports shall include, as a minimum, installation progress, and potential problem areas.
6. In consideration of the modification agreed to herein as complete equitable adjustment for the changes set forth, the Contractor hereby releases the Government from any and all liability under this delivery order for further equitable adjustments attributable to such facts or circumstances giving rise to these changes.
7. All other terms and conditions of this Delivery Order remain unchanged and in full force and effect.